

Amphenol Facility
980 Hurricane Road, Franklin IN
Potential Stack Emissions July 26, 2018

Compound	Laboratory concentration (ug/m ³)	Maximum observed flow/day (m ³)	ug/day	lbs/day	lbs/yr
TCE	665	2,854.34	1,898,136.10	0.0042	1.5274
PCE	1950	2,854.34	5,565,963.00	0.0123	4.4789
VC	12.1	2,854.34	34,537.51	0.0001	0.0278
1,1,1 TCE	285	2,854.34	813,486.90	0.0018	0.6546
trans DCE	3.1	2,854.34	8,848.45	0.0000	0.0071
cis DCE	411	2,854.34	1,173,133.74	0.0026	0.9440
1,1 DCA	39.2	2,854.34	111,890.13	0.0002	0.0900
1,2 DCA	17.9	2,854.34	51,092.69	0.0001	0.0411
Total VOCs				0.0213	7.7710

Maximum observed flow= 70 cfm

Flow/day =(70 cfm x 60 min/hr x 24 hr/day) / 35.314667 ft³/m³

ug/day= conc ug/m³ x flow m³

lbs/day= ug/day x 1^{e-6}/453.5 g/lb

Notes:

Calculations assume operation 24 hours/day x 365 days/yr.

Concentrations based upon laboratory results of sample obtained 7/26/18.

Sample obtained directly from air stripper exhaust stack inside treatment bldg.

Sample collected using 6-liter summa cannister with 8 hr. flow regulator.

Sample analyzed by Pace Analytical Services LLC, Minneapolis, MN using EPA Method TO-15/TO-15 SIM.

Max flow measurement obtained from air stripper stack exhaust using Fluke 922 Micromanometer.